Zainab Asif Software Engineer

zasif.work@gmail.com | +49 15565807568 | Erlangen, Germany | linkedin.com/in/zainab-asif-2206

github.com/za-inab | zainabasif.vercel.app

Professional Experience

Software Engineer, *Dubizzle labs* ⧉ 04/2024 – 06/2025 | Lahore

- Designed, developed and maintained CRM applications that host **12 tenants** serving high traffic MENA regions using React, Redux, Persist, Formik, Yup, Ant Design, Mapbox, and Axios.
- Revamped **2** critical frontend components achieving up to **2.5x** faster render speed and reducing development effort for new tenants onboarding by around **40%** through reusable architecture.
- Debugged and executed hot fixes on more than **10** live environments, refactored technical debt, and ensured code scalability.
- Utilized JIRA for sprint planning and collaborated with UI, BE and product teams to enhance UX, integrate APIs, and incorporate new features.

Software Engineer, *i2c Inc.* ⧉ 10/2023 – 04/2024

- Analyzed live transaction and database data to troubleshoot production issues, supporting payment processing for **15** global clients while maintaining approximately **99.6%** system availability.
- Optimized SQL queries across financial databases, reducing issue diagnosis time by around **20%** and improving real time client support during transaction and settlement operations.
- Led end to end onboarding of **4** clients by configuring database environments and validating product features, supporting successful go live for several payment programs with no major post launch issues.
- Collaborated with backend engineering teams for structured debugging and provided log analysis. Utilized JIRA and OTRS to manage workloads and improve average ticket resolution time by roughly **15%**.

Skills

Programming & Scripting: JavaScript, TypeScript, Python

Front End Development: Next.js, React, Redux, Axios, AntD, MaterialUI

Back End Development: Node.js, Express.js, Flask, REST API

Database Management: SQL, MongoDB

Tools & Platforms: JIRA, GitHub, Linux, Slack, Supabase, Mongoose

AI/ML Technologies: PyTorch, scikit-learn, NumPy, pandas, TensorFlow, Matplotlib, seaborn

Education

B.Sc. Computer Science, 09/2019 – 06/2023 | Islamabad, Pakistan
National University of Sciences and Technology ⧉

M.Sc. Data Science, 10/2025 | Erlangen, Germany
Friedrich-Alexander-University Erlangen-Nuremberg ⧉

Languages

English — C1 (Full Operational Command) | **German** — A2 (Learning Actively) | **Urdu** — Native

Certificates

Data Scientist in Python | DataCamp ⧉ — Mastered data analysis, visualization, statistical modeling,

machine learning, and SQL using pandas, NumPy, Matplotlib, and scikit-learn.